EXECUTIVE SUMMARY

GENERAL MOTORS CORP.

SANDUSKY, OHIO

U.S. EPA ID: OHDOO1880442



The General Motors Corp. site, aka New Departure Hyatt (NDH) site, contains an active facility where automobile and other types of bearings are manufactured. The site measures 3 to 4 acres and is located in Sandusky, Ohio. The operations at the facility include the machining, grinding, washing, plating, heat treating, and assembly of bearings. The site is operated by New Departure Hyatt, a division of General Motors Corporation.

From approximately 1945 through the early 1960s, New Departure Hyatt operated a wastewater treatment system at the site. The wastewater treatment system used ferrous sulfate lime to treat oily wastewater and weak plating rinse water from on-site operations. The clarifier slurry generated during treatment was pumped to concrete sludge—thickening basins. Water decanted from the basins was drained back into the treatment process; the thickened sludge was pumped into a lagoon for dewatering. The sludge was then removed from the lagoon, dried, and placed in an on-site disposal area. It is not known at this time whether the disposal area is lined. The sludge allegedly contained copper cyanide, halogenated solvents, nonhalogenated solvents, chromium, and 1,1,1-trichloroethane. The site is entirely fenced.

The underlying geology in the area of the site consists primarily of dense, low porosity clay, along with several feet of earthen material that is believed to have covered the site when the facility expanded its activities during the mid 1960s. The city of Sandusky is serviced solely by surface water drawn from Lake Erie, which is approximately 1 1/2 miles north of the site.

New Departure Hyatt has been granted interim status under section 3005(e) of the Resource Conservation and Recovery Act (RCRA). In

February 1984 the company applied for a RCRA permit for closing the onsite disposal area. New Departure Hyatt was informed by U.S. EPA that it had to submit a closure plan explaining how the closure of the disposal area could control, minimize, or eliminate post-closure exposure of hazardous materials to the ground or surface water.

U.S. EPA also required that New Departure Hyatt collect soil samples before the permit would be granted. Analysis of samples collected in October 1988 revealed chromium, but not at levels above background. On October 30, 1989, New Departure Hyatt was notified that its closure plan was not approved. Currently, New Departure Hyatt is applying for a generator-only permit under RCRA. New Departure Hyatt appears to have closed its disposal area. FIT believes, based on aerial photographs, that the facility continues to be a waste generator. Because of the current RCRA status of the General Motors Corp. site, FIT recommends that no further action be taken at this time.

7019:8

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

| | TIFICATION |
|----------|----------------|
| 01 STATE | 02 SITE NUMBER |
| OH | D001880442 |

| PART 1-SITE INFORMA | TION AND ASSESSMENT | |
|---|--|---------------------------|
| IL SITE NAME AND LOCATION | | |
| C1 SITE NAME (Legal, common, or descriptive name of site) | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER | |
| General Motors Corp. | 2509 HAYES AVENUE | |
| COTY COTO TO | 04 STATE 05 ZIP CODE 06 COUNTY | 07COUNTY 08 CONG |
| Sandusky | OH 144870 Erie | 043 05 |
| C9 CXXXX LATITUDE LONGITUDE | 011 1110 10 170 | 043 05 |
| 41'26'00.W" 082'42'55.M" | | |
| | | |
| HAVES ALL SOLVILLES | blocks from Sandusl | < <i>y</i> |
| High School on the right Sic | e | |
| ML RESPONSIBLE PARTIES | | |
| C1 OWNER (# brown) | 02 STREET (Business, Inaling, residenced | |
| L.A. Lanning | 2509 Hayes Avenue | |
| aan . | 04 STATE 05 ZIP CODE OS TELEPHONE NUMBER | |
| Sandusky | OH 44870 (419) 627-7000 | |
| G7 OF ERATION (If brown and different from owner) | 08 STREET (Business, mating, residencial | |
| General Motors Corporation | 2509 Hayes Avenue | |
| OP COLY | 10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER | |
| Sandusky (13 TYPE OF DWYERSHIP ICHOCK ONE) | OH 44870- (411) 627-7076 | |
| A PRIVATE DB. FEDERAL: | C. STATE DD.COUNTY DE, MUN | IICIPAL |
| (Agency name) | G. UNKNOWN | |
| ☐ F. OTHER: (Specify) | U G. ONNOWN | |
| 14 OVINER OPERATOR NOTIFICATION ON FILE (Check all shall apply) | <u> </u> | |
| A RICRA 3001 DATE RECEIVED: D. B. UNCONTROLL | ED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / | Y YEAR C. NOME |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD | | , |
| 01 ON SITE INSPECTION BY (Check all that apply) □ A, EPA □ B, EPA | CONTRACTOR C.STATE D.OTHER | CAUTRACTOR |
| THES DATE THOSE DE LOCAL HEALTH OFF | | NATION |
| (In know the contractor name(s): | (Specify) | ا د بیونونید در سوست د |
| Unknown Contractor Name(s): 02 STE STATUS (Open one) 03 YEARS OF OPEN | | |
| □ A. ACTIVE □ B. INACTIVE □ C. UNKNOWN 11 | 15/45 PECSCH UNKNOWN | |
| 04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED | 1 min | |
| Halogenated Solvents, Copper Cyan | ide. Il. Trichlarge + hane. | |
| Chromium, Non-halogenated Salvent | -5 and /-a | |
| Chromina, with racingena (Co. Salven) | 2 and Lead | res are true to |
| 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION | The second secon | |
| Potential contamination of groc Contaminates because of no | inducator via migration | n of |
| Contaminates because of no | known lines at the s | ite. |
| | | , , , |
| W 2010000 100000000000000000000000000000 | | |
| V. PRIORITY ASSESSMENT Potential Hazar | mailon and Part 3 - Descripsion of Hazandous Conditions and Bucklants | |
| O1 PRIORITY FOR INSPECTION (Check one. If high or medium at checked, complete Part 2 - Weete Info [] A. HIGH B. MEDIUM C. LOW Brapection required promptly) (Inspection required) (Inspect on time) | D. NONE | ion form) |
| VL INFORMATION AVAILABLE FROM | | |
| DT CONTACT D2 OF (Agency/Organi | aton) [| 03 TELEPHONE NUMBER |
| Mary Villarreale EPA | | (312) 886-7459 |
| Mary Villatreale EPA ON PERSON RESPONSIBLE FOR ASSESSMENT OF AGENCY | | 08 DATE |
| Dencen Benford US EPA | ESE/FIT (312)663.94/5 | 2,4,91 |
| I vencen dentord 103 Fin | 1= -//// | MONTH DAY YEAR |

| 9 | E | PA |
|---|---|----|
| | | |

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

| | IFICATION | | |
|----------|-----------|------------|--|
| OI STATE | DOOL 88 | ea 0442 | |

| # WASTES | TATES, QUANTITIES, AN | D CHARACTERS | STICS | | | | |
|---|---------------------------------------|--|----------------------------------|---|--|------------------------------------|--|
| | TATES (Check all that ecoly) | 02 WASTE QUANTE | | 03 WASTE CHARACTI | ERISTICS (Check all that | MODIN' | |
| L. A SOUD L. B. POWDE E C. SLUDGE | R, FINES (: F, LIQUID | must be . TONS _ | f waste quantities expensent; | M A TOXIC M B. CORRO C. RADIOA M D. PERSIS | CTIVE _ G FLAN | CTIOUS J EXFLOS AMABLE K FEACTI | SIVE VE |
| # D. OTHER | Oily wastewatch | NO OF DRUMS 1 | | | - | M. NOT AF | |
| RL WASTE T | YPE | <u> </u> | | | | | |
| CATEGORY | SUBSTANCE N | AME | 01 GROSS AMOUNT | 02 UNIT OF MEASURE | 03 COMMENTS | | |
| SLU | SLUDGE | | unknown | | | | |
| OLW | OILY WASTE | | unknown | | | | |
| SOL | SOLVENTS | | unknown | | | | |
| PSD | PESTICIDES . | | OTTINIOW ! | | | · | |
| occ | OTHER ORGANIC CH | IEMICALS | | | | | |
| ЮС | INORGANIC CHEMIC | | | <u> </u> | | | |
| ACD | ACIDS | | | | | · | |
| BAS | - BASES | | | | - | | |
| MES | HEAVY METALS | | Unknown | · · · · · · · · · · · · · · · · · · · | | | |
| IV. HAZARD | OUS SUBSTANCES (See A | pends for most frequent | | | | | |
| 01 CATEGORY | 02 SUBSTANCE N | | 03 CAS NUMBER | 04 STORAGE/DISA | | 05 CONCENTRATION | DE MEASURE OF |
| | unknown | | | <u> </u> | | | CORCENIE ATRICK |
| | | ··- | | | · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | |
| | | | | | | | |
| | | ······································ | | | | | |
| | | | | | | | |
| | <u></u> | | <u> </u> | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | ļ | ļ | | - | ļ |
| | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | | | |
| | | | | | | | |
| | | | | - | | } | |
| | | | | | | | ļ |
| | | | | | | | ļ |
| | | | L | | | | ļ |
| | | | | · · · · · · | | | · · · _ · |
| V. FEEDSTO | CKS (See Appendix for CAS Mimbe | NE) | | | | | |
| CATEGORY | 01 FEEDSTOC | K NAME | 02 CAS NUMBER | CATEGORY | 01 FEEDST | OCX NAME | 02 CAS NUMBER |
| FDS | N/A | | N/A | FDS | N// | Δ | N/A |
| FDS | | | | FDS | | | |
| FDS | | | | FDS | | | |
| FDS | | · | | FDS | | | |
| | S OF INFORMATION ICH | specific references, s.g., | attre tins, sample analysis. | reports) | <u></u> | | |
| | . EPA Fil | | | | | | |

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION 01 STATE CZ SITE NUMBER

| PART 3 - DESCRIPTION OF HA | AZARDOUS CONDITIONS AND INCIDENT | s ———— | |
|--|--|-------------|-------------|
| II. HAZARDOUS CONDITIONS AND INCIDENTS | | | |
| 01 B A GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: | 02 D OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | | ☐ ALLEGED |
| A potential exist for the m groundwater. Groundwater is n | igration of contamina | tes into | THE |
| groundwater. Groundwater is n indication of a liner at the S | its that invit therent | the mia | tation |
| indication of a liner at the s of contaminates. | THE THAT WOOTS FICE | | |
| 01 DB. SURFACE WATER CONTAMINATION 03 POPURATION POTENTIALLY AFFECTED: NO Known potential - Mills Cro | 02 C OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | _ POTENTIAL | ☐ ALLEGED |
| No known potential - Mills Cri | cek is approximately ba | mile awa | ytrom |
| the site with no known mig | ration pathwey. | | i |
| 01 C. CONTAMINATION OF AIR | 02 C OBSERVED (DATE:) | POTENTIAL | ☐ ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: | 04 NARRATIVE DESCRIPTION | | |
| No known potentia | (| | |
| The final for expense | | • | |
| 01 D. PIRE/EXPLOSIVE CONDITIONS | 02 🗆 OBSERVED (DATE:) | _ POTENTIAL | ☐ ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: | 04 MARRATIVE DESCRIPTION | | |
| No known Potential | | | |
| rotential | | | |
| 01 E. DIRECT CONTACT | 02 C OBSERVED (DATE:) | POTENTIAL | C ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: | 04 NARRATIVE DESCRIPTION | | |
| No known Potential - 5 | site is femal | | |
| 700 KNOWN 10 101111901 2 | TO 13 PENCED | | |
| 01 DF. CONTAMINATION OF SOIL ~ 3-4 03 AREA POTENTIALLY AFFECTED: Chromium was detected in on | 02 CI OBSERVED (DATE:) | _ POTENTIAL | C ALLEGED |
| Chromium was detected in on | site samples but the le | vals were | not |
| detected above background. The | Soil samples Collected | were for | the closure |
| Plan submitted to the EPA in | october 1988 | | |
| 01 [] G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: | 02 G OBSERVED (DATE:) 04 MARRATIVE DESCRIPTION | _ POTENTIAL | ☐ ALLEGED |
| (D a) | | ••• | • |
| See B above. | | | |
| | | | |
| 01 風 H. WORKER EXPOSURE/NURY 03 WORKERS POTENTIALLY AFFECTED: UNK No W ハ | 02 D OBSERVED (DATE:) 04 MARRATIVE DESCRIPTION / | POTENTIAL | □ ALLEGED |
| The site is active and it | is unknown how ma | ny work | ers are |
| employed at the Site | | | |
| 01 [] L POPULATION EXPOSURE/INJURY 03 FOPULATION POTENTIALLY AFFECTED: | 02 CI OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION | = POTENTIAL | ☐ ALLEGED |
| OU FOR DERINGTED TOTAL A FEDERAL TOTAL STATE OF THE STATE | OF PROPERTY OF STREET | - | |
| | \ | | |
| No known potent, | 0 | | |
| | • | | |

| Ç, | Δ C |
|----|------------|
| | |

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

| L | IDENTIFICA | TION |
|---|-------------------|------|
| _ | | |

01 STATE 02 SITE NUMBER

| PART 3 - DESCRIPTION OF H | AZARDOUS CONDITIONS AND | INCIDENTS | |
|---|---------------------------------------|--|--|
| IL HAZARDOUS CONDITIONS AND INCIDENTS (Communo) | | ···· | |
| 01 Z J. DAMAGE TO FLORA | 02 🗆 OBSERVED (DATE: |) [] POTENTIAL | □ ALLEGED |
| 04 NARRATIME DESCRIPTION | | | G ALLGED |
| | | | |
| None Known | | | |
| 7 0 0 7 0 0 | | | |
| 01 K. DAMAGE TO FAUNA 04 NARRATIVE: DESCRIPTION (produce name(s) of species) | 02 C OBSERVED (DATE: |) DOTENTIAL | ☐ NTEGED |
| 04 (0333), 112 (033) 2 (134) 2 (134) | | | |
| Market Land | | | |
| None known | | | |
| 01 E. L. CONTAMINATION OF FOOD CHAIN | 02 OBSERVED (DATE: |) DOTENTIAL | ☐ ALLEGED |
| 04 NARFATIVE DESCRIPTION | | • | • |
| _ | | | |
| NONE KNOWN | | | |
| | | | |
| 01 G M. UNSTABLE CONTAINMENT OF WASTES (Spillersunof/standing fourts/feeking drums) | 02 🗆 OBSERVED (DATE: | · | [] ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: | 04 NARRATIVE DESCRIPTION | | |
| None known | | • | *# 1 |
| TONE KNOWN | · · · · · · · · · · · · · · · · · · · | | |
| 01 I N. DAMAGE TO OFFSITE PROPERTY | 02 () OBSERVED (DATE: |) DOTENTIAL | ALLEGED |
| 04 NARFATIVE DESCRIPTION | | | |
| NONE KNOWN | | • . | • |
| NONE KNOWN | • | | |
| 01 TO, CONTAMINATION OF SEWERS, STORM DRAINS, WWTF | Ps 02 CI ORSERVED (DATE: |) C POTENTIAL | ☐ ALLEGED |
| 04 NARFIATIVE DESCRIPTION | 02 B 0000,1100 (5.112. | | |
| | | | |
| None known | | | |
| | 02 🗆 OBSERVED (DATE: | ······································ | ···· |
| 01 M P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION | | | |
| It is unknown whether | any illegal dum | ping of waste | es has |
| , | | * | |
| occurred at this site | · · · · · · · · · · · · · · · · · · · | | |
| 05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALL | EGED HAZARDS | and the second of | e promote de la companya de la compa |
| . /: | | • • | ~~~ |
| M/A | | | |
| | | | |
| III. TOTAL POPULATION POTENTIALLY AFFECTED: | | | |
| IN COMMENTS | | | |
| Chromium was detected in on | site soil sample | S but the leva | 15 were |
| chromium was detected in on not above background. The sa | il samples were c | .ollected for t | -he |
| Closure Plan Submitted to | the Chio EPA in | October 198 | 8 |
| V. SOURCES OF INFORMATION (Can appendix references, e. g., state the | E. Sample analysis, reported | | |
| | | | |
| EPA Files | | | |
| | | | |

REFERENCE DOCUMENTATION SHEET

| Rel.s | DESCRIPTION OF REFERENCE |
|-------|----------------------------------|
| 1 | 15 Geological Survey OHio Quads |
| | Quads 7.5 minute series |
| | Castalia 1969, Sandusky 1969, |
| | Bellevue 1969, Kimball 1969, |
| | Scale 1:24000. |
| | |
| 2 | US Department of Commerce |
| | Climatic Atlas of the United. |
| | States National Climatic Center, |
| | Ashville, NC 1929 |
| | |
| 2 | |
| 3 | Phone Log! Deneen Benford of EXE |
| | Called Dave Ublshucka of: |
| | the Sandusky City Water |
| | Sandusky, Ohio, Time 9:50 ON |
| 1 | 1-30-91 |
| 4 | U.S. EPA File on New Departure |
| | Hyatt Site, Samusky, Ohio, |
| | US EPA ID OHDO01880442 |
| | |
| | · |

recycled paper

and on amount

REFERENCE DOCUMENTATION SHEET

| Rel.£ | DESCRIPTION OF REFERENCE |
|----------|---|
| 5 | . Ohio Department of Natural Resources, |
| | Ground-Vater leaves of Frie |
| | County by Alfred Cillalker, |
| | 1986. |
| | |
| | |
| | |
| | - |
| | |
| | |
| | |
| | |
| | • |
| | |
| | - |
| | • |
| · | |
| | |
| | |
| | |
| | |
| | |
| | • |
| <u> </u> | · |



